

WHAT IS CLAIMED IS:

1. In combination, a container and a dispensing closure secured to said container for discharging the contents thereof,

a) said container comprising a body, a sloping collar, and a neck extending above said collar,

b) a bead encircling said neck of said container,

c) a lug formed on said collar and extending radially outwardly from said neck,

d) said dispensing closure comprising a body, a lid, and a hinge for securing said lid to said body for pivotal movement relative thereto,

e) said dispensing closure further comprising a horizontally extending deck, an aperture through said deck, and a collar surrounding said opening and depending below said deck,

f) interrupted beads defined on the interior of said collar so that said collar may be snapped over said annular bead to seat the dispensing closure upon the container,

g) a stop wall defined in the interior of said dispensing closure, and

h) said stop wall cooperating with said lug to define a home position when said dispensing closure is rotated relative to said container after being seated thereon.

2. The combination of claim 1 wherein said stop wall is formed on a chord extending across the interior of said body of said closure.

3. The combination of claim 2 wherein said stop wall comprises a pair of ribs separated by a central gap, one end of each rib being joined to the interior of said body of said closure to permit pivotal movement.

4. The combination of claim 3 wherein stays are employed to strengthen said ribs.

5. The combination of claim 1 wherein said lug is triangular when viewed in side elevation, the upper end of the lug extending parallel to, but spaced below, said annular bead on said container.

6. The combination of claim 5 wherein a segment is formed at the radially extending outer end of said lug.

7. The combination of claim 6 wherein a triangular insert is removed from each of the opposite sides of said segment, thereby forming a dovetailed shape for said segment.

8. The combination of claim 7 wherein said dovetailed shape of said lug promotes locking of the closure in the aligned or home position, even when relatively high torques are applied to the dispensing closure.

9. The combination of claim 8 wherein relatively high torques may be applied to said dispensing closure in either the clockwise or counterclockwise direction.

10. The combination of claim 1 wherein a recess is formed in the body of said closure diametrically opposite said hinge, said recess enabling the user to lift said cap and pivot same away from said body.

11. A method of aligning a dispensing closure in a distinct, home position upon the neck of a container for discharging the contents thereof,

a) said dispensing closure comprising a horizontally extending deck, an aperture through said deck, and a collar surrounding said opening and depending below said deck,

b) interrupted beads defined on the interior of said collar,

c) a stop wall defined within the interior of said dispensing closure,

d) said container comprising a body, a collar, and a neck extending above said collar,

e) a bead encircling said neck of said collar,

f) a lug formed in said collar and extending radially outwardly from said neck, the method of aligning said dispensing closure upon said container comprising the steps of:

1) snapping said interrupted beads on said dispensing closure over said annular bead on the neck of said container so that said dispensing closure is seated thereon,

2) rotating said dispensing closure relative to said container, until

3) said stop wall in said dispensing closure is seated upon the remote end of said lug, thereby defining a position of positive alignment between said dispensing closure and said container.

12. The method of claim 11 wherein said stop wall is formed on a chord extending across the interior of said body, and said stop wall comprises a pair of ribs separated by a central gap, said gap being sized to receive the outer end of said lug on said container.

13. The method of claim 12 wherein a dovetailed segment is defined at the outer end of the radially extending lug, said segment projecting between, and cooperating with, said ribs on such stop wall to promote locking of the dispensing closure in the aligned position.

14. The method of claim 13 wherein the dispensing closure may be rotated, in either clockwise or counterclockwise direction, by automated assembly machinery.